

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/556, 711  
Source: PCT  
Date Processed by STIC: 11/25/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 11/25/2005

PATENT APPLICATION: US/10/556,711

TIME: 12:11:37

Input Set : A:\303044 Sequence Listing.txt

Output Set: N:\CRF4\11252005\J556711.raw

```

3 <110> APPLICANT: Kanazawa, Ichiro
4     Liu, Wanzhao
5     Wang, Yu-Lai
6     Wada, Keiji
7     Goto, Jun
8     Murata, Miho
10 <120> TITLE OF INVENTION: Inhibition of the Expression of Huntingtin Gene (As amended)
12 <130> FILE REFERENCE: 051099/303044
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/556,711
C--> 15 <141> CURRENT FILING DATE: 2005-11-10
17 <160> NUMBER OF SEQ ID NOS: 10
19 <170> SOFTWARE: PatentIn version 3.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 584
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
26 <400> SEQUENCE: 1
27 ttgctgtgtg aggcagaacc tgcgggggca ggggcgggct ggttccttgg ccagccattg      60
29 gcagagtccg caggctaggg ctgtcaatca tgctggccgg cgtggccccg cctccgccgg      120
31 cgcggccccc cctccgccgg cgcacgtctg ggacgcaagg cgccgtgggg gctgccggga      180
33 cgggtccaag atggacggcc gctcaggttc tgcttttacc tgcggcccag agccccattc      240
35 attgccccgg tgctgagcgg cgccgcgagt cggccccagg cctccgggga ctgccgtgcc      300
37 gggcgggaga ccgccatggc gaccctggaa aagctgatga aggccttcga gtccctcaag      360
39 tccttccagc agcagcagca gcagcagcag cagcagcagc agcagcagca gcagcagcag      420
41 cagcagcagc aacagccgcc accgccgccg ccgccgccgc cgctcctca gcttcctcag      480
43 ccgccgccgc aggcacagcc gctgctgcct cagccgcagc cgccccgcc gccgcccccg      540
45 ccgccaccgc gcccggtgt ggctgaggag ccgctgcacc gacc                    584
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 89
50 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
53 <400> SEQUENCE: 2
55 Met Ala Thr Leu Glu Lys Leu Met Lys Ala Phe Glu Ser Leu Lys Ser
56 1          5          10          15
59 Phe Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
60          20          25          30
63 Gln Gln Gln Gln Gln Gln Gln Gln Pro Pro Pro Pro Pro Pro Pro Pro
64          35          40          45
67 Pro Pro Pro Gln Leu Pro Gln Pro Pro Pro Gln Ala Gln Pro Leu Leu
68          50          55          60
71 Pro Gln Pro Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Gly Pro
72 65          70          75          80
75 Ala Val Ala Glu Glu Pro Leu His Arg

```

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79 <210> SEQ ID NO: 3
80 <211> LENGTH: 21
81 <212> TYPE: RNA
82 <213> ORGANISM: Artificial
84 <220> FEATURE:
85 <223> OTHER INFORMATION: sirNA-HD Exon1 sense RNA
87 <400> SEQUENCE: 3
88 gccuucgagu ccucaaguc c                21
91 <210> SEQ ID NO: 4
92 <211> LENGTH: 21
93 <212> TYPE: RNA
94 <213> ORGANISM: Artificial
96 <220> FEATURE:
97 <223> OTHER INFORMATION: sirNA-HD Exon1 antisense RNA
99 <400> SEQUENCE: 4
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103 <210> SEQ ID NO: 5
104 <211> LENGTH: 21
105 <212> TYPE: RNA
106 <213> ORGANISM: Artificial
108 <220> FEATURE:
109 <223> OTHER INFORMATION: sirNA-5' UTR sense RNA
111 <400> SEQUENCE: 5
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116 <211> LENGTH: 21
117 <212> TYPE: RNA
118 <213> ORGANISM: Artificial
120 <220> FEATURE:
121 <223> OTHER INFORMATION: sirNA-5' UTR antisense RNA
123 <400> SEQUENCE: 6
124 uucuaccugc cggcgagucc a            21
127 <210> SEQ ID NO: 7
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129 <212> TYPE: RNA
130 <213> ORGANISM: Artificial
132 <220> FEATURE:
133 <223> OTHER INFORMATION: sirNA-CAG sense RNA
135 <400> SEQUENCE: 7
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139 <210> SEQ ID NO: 8
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141 <212> TYPE: RNA
142 <213> ORGANISM: Artificial
144 <220> FEATURE:
145 <223> OTHER INFORMATION: sirNA-CAG antisense RNA
147 <400> SEQUENCE: 8
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Input Set : A:\303044 Sequence Listing.txt

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151 <210> SEQ ID NO: 9  
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153 <212> TYPE: DNA  
154 <213> ORGANISM: Artificial  
156 <220> FEATURE:  
157 <223> OTHER INFORMATION: forward primer  
159 <400> SEQUENCE: 9  
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164 <211> LENGTH: 21  
165 <212> TYPE: DNA  
166 <213> ORGANISM: Artificial  
168 <220> FEATURE:  
169 <223> OTHER INFORMATION: reverse primer  
171 <400> SEQUENCE: 10  
172 gcggtggtgg cggcggcggc t 21

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/556,711

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Input Set : A:\303044 Sequence Listing.txt  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10

**VERIFICATION SUMMARY**

DATE: 11/25/2005

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TIME: 12:11:38

Input Set : A:\303044 Sequence Listing.txt

Output Set: N:\CRF4\11252005\J556711.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date